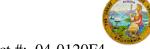
DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES Office of Structural Materials

Quality Assurance and Source Inspection

Bay Area Branch 690 Walnut Ave.St. 150 Vallejo, CA 94592-1133 (707) 649-5453 (707) 649-5493



Contract #: 04-0120F4

Cty: SF/ALA Rte: 80 PM: 13.2/13.9

File #: 69.28

WELDING INSPECTION REPORT

Resident Engineer: Pursell, Gary **Report No:** WIR-005916 Address: 333 Burma Road **Date Inspected:** 26-Feb-2009

City: Oakland, CA 94607

OSM Arrival Time: 645 **Project Name:** SAS Superstructure **OSM Departure Time:** 1845 **Prime Contractor:** American Bridge/Fluor Enterprises, a JV

Contractor: Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

CWI Name: CWI Present: Yes Xu Xian Ping No **Inspected CWI report:** Yes N/A **Rod Oven in Use:** Yes No No N/A N/A N/A **Electrode to specification:** Yes No **Weld Procedures Followed:** Yes No N/A **Qualified Welders:** Yes No **Verified Joint Fit-up:** Yes No N/A N/A Yes N/A **Approved Drawings:** Yes No **Approved WPS:** No Yes No N/A **Delayed / Cancelled:**

34-0006 **Bridge No: Component: OBG** Components

Summary of Items Observed:

On this date Caltrans OSM Quality Assurance (QA) Inspector, Chandrakumar.S was present during the time noted above for observations relative to the work being performed

BAY#6

This QA inspector performed MT of approximately 15% of the area previously tested and accepted by ZPMC Quality Control Personnel. This QA Inspector generated an MT report for this date. The member is identified as Tower Diapghram .The weld designations reviewed as follows:

WSD1-SA424A/B-004,008,006, Green Tag no-004124.

ESD1-SA425-001,001 Green Tag no- 004124

WSD1-SA424B/B-003,005,008,009,015,Green Tag no-004124

@On going SMAW Welding of Weld Joint 2G-005&006 Located on NSD1-DPSA3-2 B/B Welder no indentified as 068924&066459, 037932&067611 and The welding variables recorded by QC ZMPC to comply with the WPS-B-T-3312-Tc-P5.

@On going FCAW Welding of Weld Joint 3G- 10-5B,10-2B Located on NSD1-DPSA3 Welder no indentified as 058174 and The welding variables recorded by QC ZMPC to comply with the WPS-B-T-2233-B-U3-F.

BAY#07

WELDING INSPECTION REPORT

(Continued Page 2 of 2)

@On going FCAW(semi-auto) Welding of Weld Joint 2F- 017,021,026 Located on SP325-001 Welder no indentified as 205774,051246 & 054459 and The welding variables recorded by QC ZMPC to comply with the WPS-T-2132-3.

BAY#05

This QA inspector performed MT of approximately 15% of the area previously tested and accepted by ZPMC Quality Control Personnel. This QA Inspector generated an MT report for this date. The member is identified as OBG Bike Path .The weld designations reviewed as follows:

BK001-001-63,64,65,29,31,27,32,36,34,66 – ZPMC finsihed MT but no Sign.

BK001-002-63,64,65,29,31,27,32,36,34,66.

BK001-003-63,64,65,29,31,27,32,36,34,66.

BK001-004-63,64,65,29,31,27,32,36,34,66.

BK001-005-63,64,65,29,31,27,32,36,34,66.

BK001-006-63,64,65,29,31,27,32,36,34,66.

BK001-007-63,64,65,29,31,27,32,36,34,66.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

No Relevant Conversation

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang-150-0042-2372, who represents the Office of Structural Materials for your project.

Inspected By:	Kumar,Chadra	Quality Assurance Inspector
Reviewed By:	Clifford,William	QA Reviewer